APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/832,753	04/10/2001	Michael Topolovac	OPEN-001	3355

21924   7590   06/06/2003

ARRIS INTERNATIONAL, INC
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EXAMINER
TRUONG, CAM Y T

ART UNIT	PAPER NUMBER
2172	8

DATE MAILED: 06/06/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____ .

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-3* is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-3* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

     If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☐ All b)☐ Some * c)☐ None of:

       1.☐ Certified copies of the priority documents have been received.

       2.☐ Certified copies of the priority documents have been received in Application No. _____ .

       3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

     a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)   4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)   5) ☐ Notice of Informal Patent Application (PTO-152)

3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>4&7</u> .   6) ☐ Other: .

DETAILED ACTION

1.   Claims 1-3 are pending in this Office Action.

Claim Rejections - 35 USC § 103

2.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

3.   Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Weissman et al (USP 6212524).

As to claim 1, Weissman teaches the claimed limitations:

"at least one record including a primary key data field" as the datamart that is a

database including a set of tables having rows and columns. For example, the SQL

server table 456 defines details about an SQL server system. The SQL server includes

the following attributes: a data store key, a database name, a user name, and key which

is represented as a primary key. Each row is a record and each attribute is a data field

(col. 53, lines 40-41; col. 23, lines 45-56), "a wordplace context data field for storing

data indicating the context in which other data within the at least one record is

interpreted" as record base includes two other columns base_name and L1 which

includes a list of another columns (fig. 10), "at least one other data field for storing the

other data" as column L1 includes other columns such as region_code and

region_name (fig. 10).

Weissman fails to teach the claimed limitation "an owner data field for indicating the owner of the record". However, Weissman teaches that the SQL server table 456 defines details about an SQL server system. The SQL server stores includes the following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field. The name of a user in the column user name can be an owner of the first record in the table 456 (col. 53, lines 40-41; col. 23, lines 45-56).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Weissman's teaching of The SQL server stores includes the following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field in order to allow a user to search/retrieve a particular record and to notice a user to know record's owner.

As to claim 2, Weissman teaches the claimed limitations:

"a data structure including at least one record having a primary key data field" as the datamart including a set of tables having rows and columns. For example, the SQL server table 456 defines details about an SQL server system. The SQL server stores following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field (col. 53, lines 40-41; col. 23, lines 45-56). Weissman fails to teach the claimed limitation "an owner data field for indicating the owner of the record, the owner data field

including data representative of one of a plurality of owners and at last one other data field". However, Weissman teaches that the SQL server table 456 defines details about an SQL server system. The SQL server stores the following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field. The name of a user in the column user name can be an owner of the first record in the table 456. Also, the Base field includes base_name field and L1 field. This information shows that Base field can be an owner including data representative one of a plurality owners such as Base_name and other data such as L1(col. 53, lines 40-41; col. 23, lines 45-56; figs. 10-11).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to modify Weissman's teaching of The name of a user in the column user name can be an owner of the first record in the table 456. Also, the Base field includes base_name field and L1 field. This information shows that Base field can be an owner including data representative one of a plurality owners such as Base_name and other data such as L1 for defining measure and related information and searching/retrieving a particular record.

As to claim 3, Weissman teaches the claimed limitations:

" a database including a single namespace" as datamart that is a database including a set of tables having rows and columns. For example, the data set table 606 includes the following columns: a data set key, a data set name, a label, a description, and a list order (col. 53, lines 39-42; col. 32, lines 12-18; col. 6, lines 1-2);

"at least one record having a primary key data field" as , the SQL server table

456 defines details about an SQL server system. The SQL server stores the following

attributes: a data store key, a database name, a user name, and key which is

represented as a primary key. Each row is a record and each attribute is a data field

(col. 53, lines 40-41; col. 23, lines 45-56).

Weissman fails to teach the claimed limitation "an owner data field for indicating

the owner of the record, the owner data field including data representative of one of a

plurality of owners and at last one other data field". However, Weissman teaches that

the SQL server table 456 defines details about an SQL server system. The SQL server

stores the following attributes: a data store key, a database name, a user name, and

key which is represented as a primary key. Each row is a record and each attribute is a

data field. The name of a user in the column user name can be an owner of the first

record in the table 456. Also, the Base field includes base_name field and L1 field.

This information shows that Base field can be an owner including data representative

one of a plurality owners such as Base_name and other data such as (col. 53, lines 40-

41; col. 23, lines 45-56; figs. 10-11).

It would have been obvious to a person of an ordinary skill in the art at the time

the invention was made to modify Weissman's teaching of The name of a user in the

column user name can be an owner of the first record in the table 456. Also, the Base

field includes base_name field and L1 field. This information shows that Base field can

be an owner including data representative one of a plurality owners such as

Base_name and other data such as L1 for defining measure and related information

and searching/retrieving a particular record.

Conclusion

4.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

Fujisawa et al   (USP 5555408).

Contact Information

5.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Cam-Y Truong whose telephone number is (703-605-1169).

The examiner can normally be reached on Mon-Fri from 8:00AM to 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kim Vu, can be reached on (703-305-4393). The fax phone numbers for the

organization where this application or proceeding is assigned is (703)-746-7239 (formal

communications intended for entry), or: (703)-746-7240 (informal communication

labeled PROPOSED or DRAFT).

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703-305-3900).

Cam-Y Truong

7/08/02

SHAHID AL ALAM
PATENT EXAMINER